

new

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MK1361 - EN - 02 - 0524



## E-77

Roll-formed aluminium slat  
for rolling Shutters and  
rolling Doors

# new

## Slat E-77



This new roll-formed aluminium slat is the efficient solution developed by Saxun for rolling Shutters and rolling Doors.

Its carefully designed profile optimizes the space where it is installed. For larger openings there is no need for larger boxes.

 **Increased rolling capacity**

 **Maximum Efficiency**

### Technical characteristics

Area of covering	<b>76.90 mm</b>
Nominal thickness	<b>19 mm</b>
Number slats by meter	<b>13.00 units</b>
Maximum recommended width (EN 13659)	<b>5,500 mm</b>
Maximum recommended width (EN 13241)	<b>3,500 mm</b>
Slat weight (density 75 kg/m <sup>3</sup> )	<b>4.55 kg/m<sup>2</sup></b>
Packaging unit standard	<b>15 slats</b>
Minimum rolling diameter	<b>70 mm</b>

### Compatibility

End slats	<b>I • N Curved • TL-77</b>
Aluminium guide channels	<b>GE-34/70 • GE-36/60 GE-36/80 • GE-36/100 GE-38/100 • GE-76/100 GE-41/150 • UPSB-36/100</b>
Set of cap	<b>E-77 (505097)</b>

### Rolling diameter chart

		Height													
		800	1,000	1,200	1,400	1,600	1,800	2,000	2,200	2,400	2,600	2,800	3,000	3,200	3,400
<b>Small steel tie rod</b> 507010	Axle 70	190	200	200	220	220	240	240	240	270	270	270	280	300	300
	Axle 100	190	190	200	220	220	230	240	250	250	260	270	280	280	290
<b>Large steel tie rod</b> 507537	Axle 130	200	220	230	230	250	250	250	250	270	280	280	280	300	310
	Axle 70/80 Ring 100	200	200	200	230	230	230	250	250	250	250	280	280	280	300
<b>Self-locking spring lock ZF 2/3 elements</b> 507170 • 507173	Axle 80 Ring 130	200	220	220	220	240	240	240	270	270	280	280	300	300	300
	220	290	290	290	300	310	310	310	310	340	340	340	340	350	370
<b>Central engine tie rod</b> 507441	240	310	310	310	310	320	340	340	340	340	360	370	370	370	370
	280	320	340	340	340	350	350	370	370	380	380	380	400	400	400

Sizes are in mm.

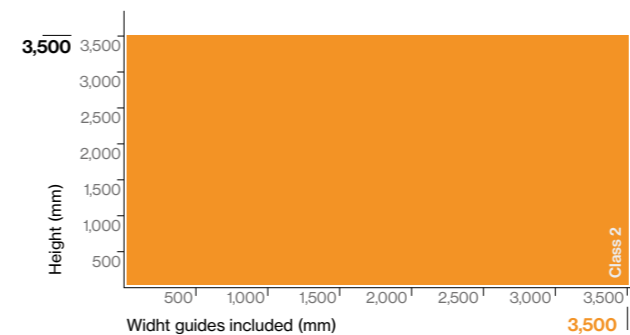
### Recommended box according to height

		Aluminium box			
		RV-250	RV-300	RV-360	RV-400
<b>Small steel tie rod</b> 507010	Axle 70	2,580	3,780	5,920	6,700
	Axle 70/80 Ring 100	2,275	3,780	5,690	6,700
<b>Self-locking spring lock ZF 2/3 elements</b> 507170 • 507173	Axle 80 Ring 130	1,890	3,320	5,230	6,390
	220	—	—	3,460	4,580
<b>Central engine tie rod</b> 507441	240	—	—	—	3,800
	280	—	—	—	3,190

Sizes are in mm.

### Wind resistance

#### Rolling Doors (EN 13241)

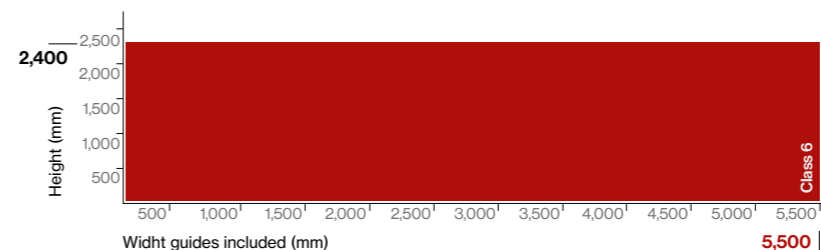


#### EN 13241

Minimum required (CE)

- Class 1:** ≥ 415 Pa ≈ 94 km/h
- Class 2:** ≥ 620 Pa ≈ 115 km/h
- Class 3:** ≥ 965 Pa ≈ 143 km/h
- Class 4:** ≥ 1,375 Pa ≈ 171 km/h
- Class 5:** c.d. x 1.25 = 171 km/h

#### Rolling Shutters (EN 13659)



#### EN 13659

Minimum required (CE)

- Class 2:** 100 Pa ≈ 46 km/h
- Class 3:** 150 Pa ≈ 56 km/h
- Class 4:** 250 Pa ≈ 73 km/h
- Class 5:** 400 Pa ≈ 92 km/h
- Class 6:** 600 Pa ≈ 112 km/h